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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 28 Oct 21 EVENTLINE has been reloaded  
NEWS 29 Oct 24 BEILSTEIN adds new search fields  
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002  
  
NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 07:58:42 ON 06 NOV 2002

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.84

0.84

FILE 'REGISTRY' ENTERED AT 08:00:45 ON 06 NOV 2002

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 NOV 2002 HIGHEST RN 470428-07-0

DICTIONARY FILE UPDATES: 4 NOV 2002 HIGHEST RN 470428-07-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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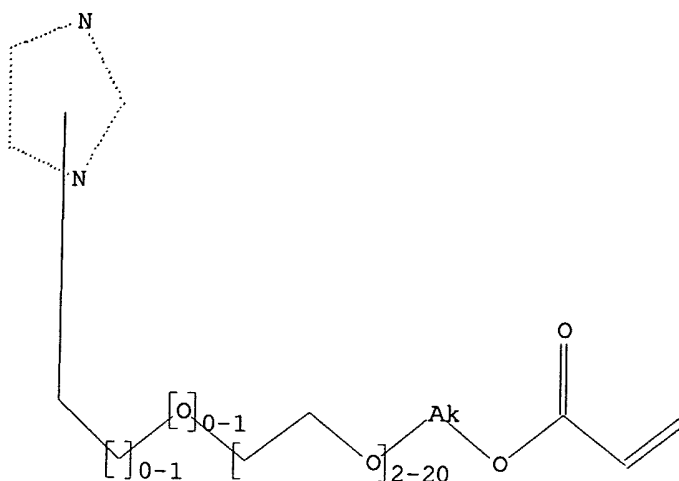
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L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

STRUCTURE TOO LARGE - SEARCH ENDED

A structure in your query is too large. You may delete attributes or atoms to reduce the size of the structure and try again.

=>

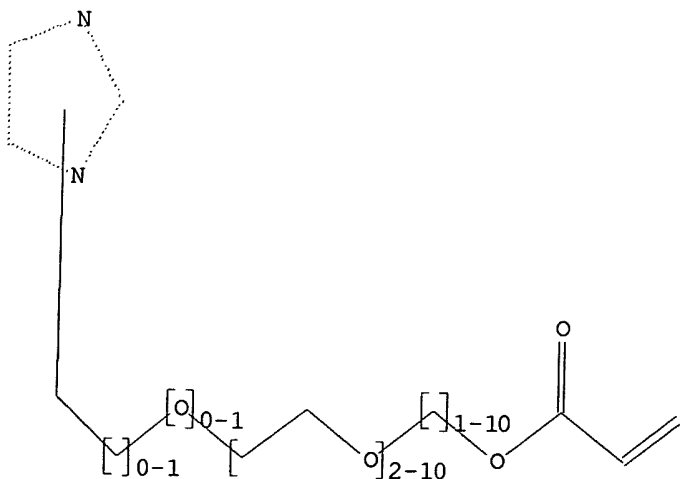
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L2 STRUCTURE UPLOADED

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L2 HAS NO ANSWERS

L2 STR



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SAMPLE SEARCH INITIATED 08:02:58 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 551 TO ITERATE

100.0% PROCESSED 551 ITERATIONS  
SEARCH TIME: 00.00.02

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 9612 TO 12428  
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s 12 full

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FULL SCREEN SEARCH COMPLETED - 11501 TO ITERATE

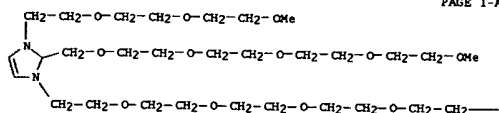
100.0% PROCESSED 11501 ITERATIONS  
SEARCH TIME: 00.00.05

8 ANSWERS

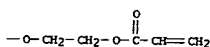
L4 8 SEA SSS FUL L2

=> d scan

L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1-[2-(2-methoxyethoxy)ethoxy]ethyl]-3-(19-oxo-3,6,9,12,15,18-hexaazaheneicos-20-en-1-yl)-2-(2,5,8,11,14-pentaoxapentadec-1-yl)-, iodide (9CI)  
 MF C35 H65 N2 O15 . I

● I<sup>-</sup>

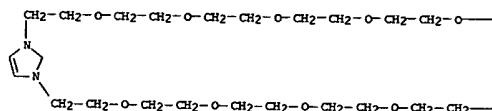
PAGE 1-B



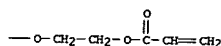
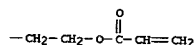
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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):7

L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1,3-bis(19-oxo-3,6,9,12,15,18-hexaazaheneicos-20-en-1-yl)-, iodide (9CI)  
 MF C33 H57 N2 O14 . I

● I<sup>-</sup>

PAGE 1-B

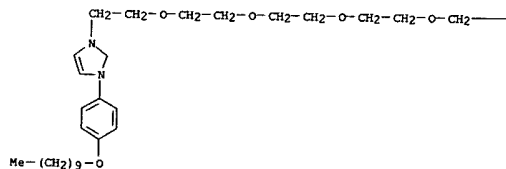


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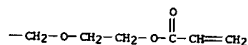
L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1-[4-(decyloxy)phenyl]-3-(19-oxo-3,6,9,12,15,18-hexaazaheneicos-20-en-1-yl)-, iodide, homopolymer (9CI)  
 MF (C34 H55 N2 O8 . I)x  
 CI PMS

CM 1

PAGE 1-A

● I<sup>-</sup>

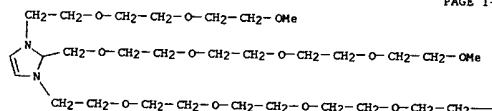
PAGE 1-B



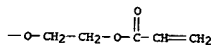
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L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
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 MF C35 H65 N2 O15  
 CI COM

PAGE 1-A



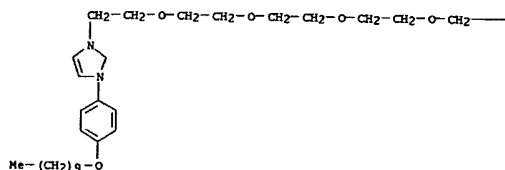
PAGE 1-B



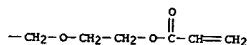
\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1-[[4-(decyloxy)phenyl]-3-(19-oxo-3,6,9,12,15,18-hexaaxaheneicos-20-en-1-yl)-, iodide (9CI)  
 MF C34 H55 N2 O8 . 1  
 CI COM

PAGE 1-A

● I<sup>-</sup>

PAGE 1-B

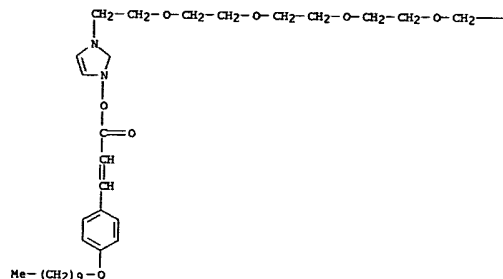


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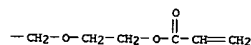
L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1-[[3-[[4-(decyloxy)phenyl]-1-oxo-2-propenyl]oxy]-3-(19-oxo-3,6,9,12,15,18-hexaaxaheneicos-20-en-1-yl)-, iodide, homopolymer (9CI)  
 MF C37 H57 N2 O10 . 1)x  
 CI PMS

CM 1

PAGE 1-A

● I<sup>-</sup>

PAGE 1-B

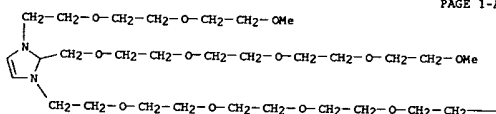


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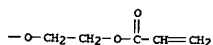
L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1-[[2-[[2-(2-methoxyethoxy)ethoxy]ethyl]-3-(19-oxo-3,6,9,12,15,18-hexaaxaheneicos-20-en-1-yl)-2-(2,5,8,11,14-pentaaxapentadec-1-yl)-, salt with 1,1,1-trifluoro-N-[[trifluoromethyl]sulfonyl]methanesulfonamide (1:1) (9CI)  
 MF C35 H65 N2 O15 . C2 F6 N O4 S2  
 CI COM

CM 1

PAGE 1-A

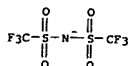


PAGE 1-B



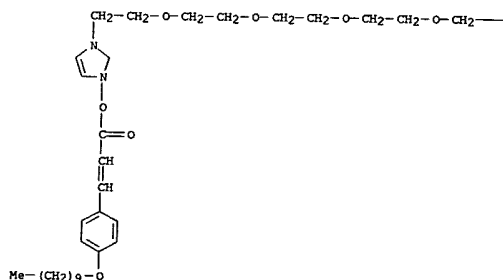
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CM 2

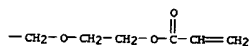


L4 8 ANSWERS REGISTRY COPYRIGHT 2002 ACS  
 IN 1H-Imidazolium, 1-[[3-[[4-(decyloxy)phenyl]-1-oxo-2-propenyl]oxy]-3-(19-oxo-3,6,9,12,15,18-hexaaxaheneicos-20-en-1-yl)-, iodide (9CI)  
 MF C37 H57 N2 O10 . 1  
 CI COM

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PAGE 1-B

● I<sup>-</sup>

\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

141.80

142.64

FILE 'CAPLUS' ENTERED AT 08:03:28 ON 06 NOV 2002

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FILE COVERS 1907 - 6 Nov 2002 VOL 137 ISS 19

FILE LAST UPDATED: 5 Nov 2002 (20021105/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

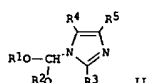
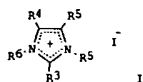
=> s l4

L5 3 L4

=> d ibib abs hitstr 1-3

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2002:264861 CAPLUS  
 DOCUMENT NUMBER: 136:279457  
 TITLE: Preparation of 1,3-dialkylimidazolium iodides  
 INVENTOR(S): Ono, Michio; Sen, Masakazu  
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKKXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JF 2002105058	A2	20020410	JP 2000-293430	20000927
OTHER SOURCE(S): CASREACT 136:279457; MARPAT 136:279457				

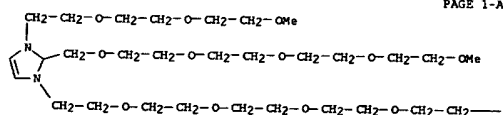


AB Title compds. I [R3-R5 = H, (un)substituted alkyl; R6 = (un)substituted alkyl] are prepd. by reaction of imidazoles II (R1, R2 = (un)substituted alkyl; R1R2 may form ring; R3-R5 = same as I) with alkyl iodides. II (R1 = R2 = Et, R3-R5 = H; prepd. from imidazole and Et orthoformate) was reacted with EtI in AcOEt under reflux for 2 h to give 98% I (R1 = R2 = R6 = Et, R3-R5 = H).  
 IT 406700-12-7P  
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of dialkylimidazolium iodides)  
 RN 406700-12-7 CAPLUS  
 CN 1H-Imidazolium, 1,3-bis(19-oxo-3,6,9,12,15,18-hexaoxaheneicos-20-en-1-yl)-, iodide (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:531955 CAPLUS  
 DOCUMENT NUMBER: 135:124958  
 TITLE: Polymerizing molten salt monomer, electrolyte composition, and electrochemical cell  
 INVENTOR(S): Ono, Michio; Sen, Masakazu  
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.  
 CODEN: JKKXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001199961	A2	20010724	JP 2000-13048	20000121
US 2001026890	A1	20011004	US 2001-765368	20010122
JP 2000-13048 A 20000121				

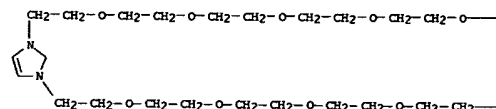
PRIORITY APPL. INFO.:  
 OTHER SOURCE(S): MARPAT 135:124958  
 AB The title monomer is represented as Q[Y1(CH2CH2O)nY2]mX [Q = N-contg. arom. heterocyclic group for forming a cation; Y1 = divalent bond; Y2 = (substituted) alkyl; n = 2-20 integer; m = .gtoreq.2 integer; X = anion; .gtoreq.1 of Y2 contains a polymg. group; Q or Y2 may be linked to give a dimer or a tetramer]. The title electrolyte compn. contains a polymer obtained by polymg. the monomer. An electrochem. cell contg. the electrolyte compn. is also claimed. Preferably, the cell contains a charge-transfer layer contg. the electrolyte compn. and a photosensitive layer contg. a dye-sensitized semiconductor. The electrolyte compn. has high charge-transfer property, photoelec. conversion efficiency, durability, and ion cond. and is esp. suitable for a secondary nonaq. battery and a solar cell.  
 IT 351182-10-0P  
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)  
 (prepn. and polymn. of; in prepn. of polymg. molten salt monomer for polymer electrolyte compn.)  
 RN 351182-10-0 CAPLUS  
 CN 1H-Imidazolium, 1-[2-[(2-methoxyethoxy)ethoxy]ethyl]-3-(19-oxo-3,6,9,12,15,18-hexaoxaheneicos-20-en-1-yl)-2-(2,5,8,11,14-pentaoxapentadec-1-yl)-, iodide (9CI) (CA INDEX NAME)



● I -

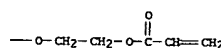
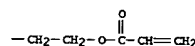
L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

PAGE 1-A



● I -

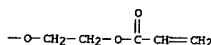
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L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

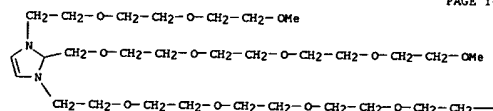
PAGE 1-B



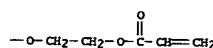
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 (prepn. of; in prepn. of polymg. molten salt monomer for polymer electrolyte compn.)  
 RN 351182-12-2 CAPLUS  
 CN 1H-Imidazolium, 1-[2-[(2-methoxyethoxy)ethoxy]ethyl]-3-(19-oxo-3,6,9,12,15,18-hexaoxaheneicos-20-en-1-yl)-2-(2,5,8,11,14-pentaoxapentadec-1-yl)-, salt with 1,1,1-trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (1:1) (9CI) (CA INDEX NAME)  
 CH 1  
 CRN 351182-11-1  
 CMF C35 H65 N2 O15

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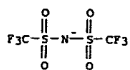


\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

CH 2

CRN 98837-98-0  
 CMF C2 F6 N O4 S2





LS ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:524704 CAPLUS  
DOCUMENT NUMBER: 135:114408  
TITLE: Photoelectrochemical cell comprising polymer electrolyte composition formed by polymerizing ionic liquid crystal monomer  
INVENTOR(S): Ono, Michio  
PATENT ASSIGNEE(S): Fujii Photo Film Co., Ltd., Japan  
SOURCE: Eur. Pat. Appl., 43 pp.  
CODEN: EFXKDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1167679	A2	20010117	EP 2001-1009999	20010117
US 2002034690	A1	20020321	US 2001-759363	20010116
JP 2001202995	A2	20010727	JP 2000-8054	20000117
US 2002034690	A1	20020321	US 2001-759363	20010116
JP 2001202995	A2	20010727	JP 2000-8054	20000117

OTHER SOURCE(S): MARPAT 135-114408 2000-8034 A 20000117  
AB Disclosed is an electrolyte compn. comprising a polymer compd. formed by polyng. an ionic liq. crystal monomer contg. at least one polymerizable group. Also disclosed are an electrochem. cell, a nonaq. secondary cell comprising a photoelec. cell, each comprising the electrolyte compn. in accordance with the present invention, an invention, a device, doesn't substantially volatilize and exhibits excellent charge-transporting properties can be obtained, making it possible to obtain a photoelectrochem. cell having excellent photoelec. conversion properties and less deterioration of properties with time. Further, a lithium ion-conducting material having an extremely high ionic cond. at low temp. can be obtained.

IT 350507-62-9P 350507-64-1P  
RL: PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)  
(electrolyte compn. comprising polymer compd. formed by polymg. of ionic liq. crystal monomer for photoelectrochem. cell application)

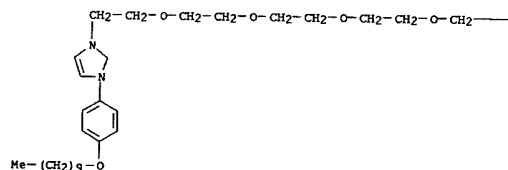
RN 350507-62-9 CAPLUS  
CN 1H-Imidazolium, 1-[4-(decyloxy)phenyl]-3-(19-oxo-3,6,9,12,15,18-hexa-oxaheneicos-20-en-1-yl)-, iodide, homopolymer (9CI) (CA INDEX NAME)

CH 1

CRN 350507-57-2  
CME C34 H55 N2 OB . I

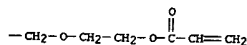
L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

PAGE 1-A



● I =

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\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

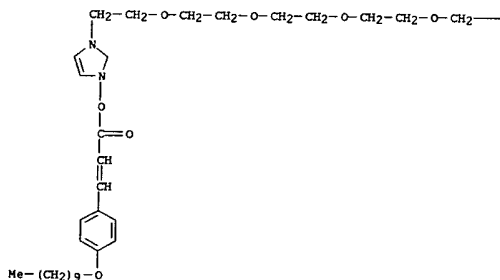
RN 350507-64-1 CAPLUS  
CN 1H-Imidazolium, 1-[[3-[4-(decyloxy)phenyl]-1-oxo-2-propenyl]oxy]-3-(19-oxo-3,6,9,12,15,18-hexaazaheneicos-20-en-1-yl)-, iodide, homopolymer (9CI)  
(CA INDEX NAME)

CM 1

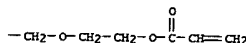
CRN 350507-59-4  
CMF C37 H57 N2 O10 . I

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

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$$\text{Me}-(\text{CH}_2)_9-\overset{\text{I}}{\text{O}}$$

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● I'

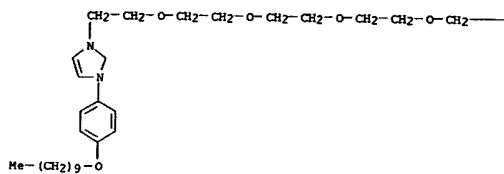
\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

IT 350507-57-2P 350507-59-4P  
RL: PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)  
(photoelectrochem. cell contg. polymerizable ionic liq. crystal monomer)

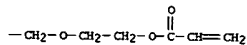
RN 350507-57-2 CAPLUS  
CN 1H-Imidazolium, 1-[4-(decyloxy)phenyl]-3-(19-oxo-3,6,9,12,15,18-hexaoxaheneicos-20-en-1-yl)-, iodide (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

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● I<sup>-</sup>

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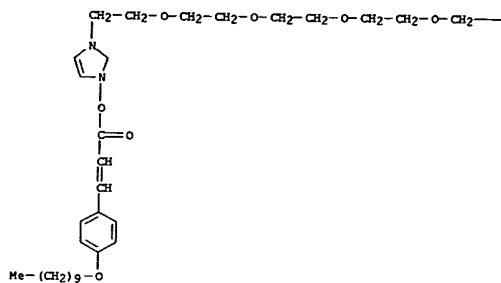
\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

RN 350507-59-4 CAPLUS

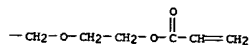
CN 1H-imidazolium, 1-[[3-[4-(decyloxy)phenyl]-1-oxo-2-propenyl]oxy]-3-(19-oxo-3,6,9,12,15,18-hexaoxaheneicos-20-en-1-yl)-, iodide (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

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Me-(CH<sub>2</sub>)<sub>9</sub>-O-

PAGE 1-B

● I<sup>-</sup>

\*\*\* FRAGMENT DIAGRAM IS INCOMPLETE \*\*\*

=> log y

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY  
15.94

TOTAL  
SESSION  
158.58

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE  
ENTRY  
-1.86

TOTAL  
SESSION  
-1.86

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STN INTERNATIONAL LOGOFF AT 08:07:53 ON 06 NOV 2002